

**REMARKS**

Claims 1, 2, 4 and 5 are allowable over the prior art of record. FIG. 5 is objected to because the amended portion of claim 1 states: "echo detector operates as a correlator," while FIG. 5 shows the correlator and echo detector as being separate components.

Applicant respectfully disagrees. FIG. 1 shows correlator 9 and corresponds to claim 1, which recites an echo detector operating as correlator 9. FIG. 1 should have been corrected by changing the label in box 9 from "CORRELATOR" to "ECHO DETECTOR".

It is believed that this Amendment is fully responsive to the Office Action dated **May 29, 2007**.

At the outset, Applicant thanks the Examiner for indicating that claims 1, 2, 4 and 5 have been allowed.

If, for any reason, it is felt that this application is not now in condition for allowance, the Examiner is requested to contact Applicant's undersigned attorney at the telephone number indicated below to arrange for an interview to expedite the disposition of this case.

U.S. Patent Application Serial No. **10/643,148**

**AMENDMENT TO THE DRAWINGS:**

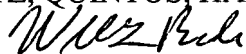
The attached drawing sheet includes a change to FIG. 1. This sheet replaces the original sheet for FIG. 1.

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In the event that this paper is not timely filed, Applicant respectfully petitions for an appropriate extension of time. The fees for such an extension or any other fees which may be due with respect to this paper, may be charged to Deposit Account No. 01-2340.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Enclosure: Replacement Drawing Sheet for FIG. 1